Region	Number		119	1		Basic In	formation	1.11					Location, deline	ition and Depths				Geolog	y and Inject	ate Characte	ristics		Exemption	Type, Criteria Cite	ed and Approval Dates
		Name of Owner/Operator	Street Address	s City	State	Code		Type	or Area Permit#			Aquifer Exemption Location (Degrees Latitude or TSR)	Aquifer Exemption Locatio (Degrees Longitude)	Aquifer Exemption Delineation (areal extent, project boundary)	Aquifer Exemption Delineation (depths)	Well Depths	Injection Zone	Confining Zone	Formation Depth Thickness	Carried Cara	Water Quality	Injectate Characteristics	Program Revision Type (S or NS)	Regional Approval Date	Criteria Cited
6	1	Uranium Resources Inc. (URI)	12759 Merit Drive, Suite 1910 LB 12	Dallas	TX	7525	Uranium Resources Inc. (URI)		Rosist Mine - Arca Permit V is UR02880. Weli ID is WOW-250 Permit Status: Active	Class III	Dispose process waste, process waste, process waste, contaminate drainfall from the insitu leaching and recovery operations into the Lower Goliad Formation in Daval County, Teas		Longitude 98" 24" 17" West	Area of exemption is approx.  70 acres. The site is located at 11 miles northwest of the City of San Diego off State Highway 44 in David County Texas	Top of zone exempted 140 ft (mail) Bottom of zone exempted 260 ft (mst),	S,450 ft	Injection Zone is approx. 4,400 to 5,500 ft, Thickness=1000 ft with a net usable sand thickness of 470 ft, permeabil ty of 250 millidarci es, a so about 30%,		Thickness of exempted zone = 10	Basal Goliad	1,750-2,000 mg/l TDS	alkaline leaching solution, non-amonia with an oxidant. Injected Fluid Quality = 1,000-5,000 mg/l TDS, pft shall not be less than 5 so, Density shall not exceed a specific gravity of 1.05 s. u. measured at 68 degrees.	Non- substantial	(May 12, 1987), Regional Approval (September 10, 1987), State Approval (August 24,	40 CFR 144.7 (b), 145.32, and 146.04, 151.145.32, and 146.04, 134.116.116.116.116.116.116.116.116.116.11
6	2	Mobil Oil Corporation	РО Вох 17772	Denver	СО	80217	Cogema Mining Inc.	In-situ Urasium Mining	El Mesquite Mine Area Permit # is UR02155 UR02155 Foar injection wells located in this area: UL792, UL-942, UL-927, and UL-808, Permit Status: Revoked	Class	Inject solution from in-situ mining process into the Middle Cataboda Formation in Duval County, Texas	Preferred Option -		7 Lease Area is 2240 acres. Permit Area is 2134.78 acres. The site is located approx 6 miles east of Bruni in Share Nos. 1, 2, 1, 3, 4, 5, 6, and 8 of the El Mesquite Grant and a part of the Sants Mariá de Los Angeles de Abajo Grant in Daval County, Texas	Bottom of zone exempted 400 ft (msl),	Well UI- 792 (578 ft), Well UI-942 (557 ft), Well UI- 927 (587 ft), and Well UI- 808 (585 ft	Formation or Soledad Conglome rate	Cataboula production		cementatio The Middle Catahoala is separated from the Oakwille Sandstone by the Upper or Chusa Tuff which is a thick clay section of the Catahoala Formation. Porrosity (15-25%). Permeability y (200-1000 md). Storage		Alkaline solution and Barrea solution from the processing plant where uranium is extracted by ion exchange.	Non- substantial	State Recommendation (March 9, 1984), Regional Approval (March 28, 1984)	40 CFR 144.7 (b), 145.32, and 146.04. Justification for Exemption: Aquifer not a source of DW and will not serve as source of DW in the fetare because it is producing or capable to produce minerals.

6	3	Exerest Exploration, Inc.	PO Box 1339	Corpus Christi	TX		Exploratio	In-situ Uranium Mining	Mt. Lucas West Mine - Area Permit # is UR0281. Permit Status: Revoked	Class	Inject solution from in-situ mining process into the Lagarto Formation of Mt. Lacas West site, Live Oak County, Texas	28.183	2 -97.9336	Lease area is 4360 acres. Permil Area is 6023 acres. The site is toestic in sooth central Tease in Live Oak. Consty, approx. Miles soul of Dinero. Tease as dog and or Dinero. Tease as dog and orneleast of Site! Ilighway 534, bounded on the cast by the Nuces River and Lake Corpus Christi.	Gollad Formation: Top of some exempted 200 ft (mst) Bottom of zone exempted 505 ft (mst) S75 ft (mst) Lagarto Formation: 225 ft below mean sea level to 025 ft below mean sea level	within the sa Goliad an Formation ov th	ormation verlies the akville	Formation		Water from the Lagarto has a higher chloride content. In some areas, the water quality of the mine zone aquifers has a higher Radium-226 level than is allowable by TX Dept. of Health standards for release to unrestricted areas.		Non- substantial	State Recommendatio (February 15, 1984), Regional Approval (December 17, 1984)	40 CFR 144.7 (b), 145.32, and 146.04 Justification for Exemption: Aquifer is not a source of DW and will not serve as a source of DW in the future because it is producing or capable to produce minerals
6	4	TOTAL Mineral Corporation/ Malapai Resources Company	333 Clay Street - Suite 4800	Houston	TX	77002	Cogema Mining Inc.	In-situ Uranium Mining	Holiday Mine- Area Permit #1s UR02156. Injection wells located in this area are WDW- 150, WDW-151, WDW-197, WDW- 198, WDW-199, and WDW-200. Permit Status: Revoked	m	Inject alkaline leaching solution along with an oxidani into the Soledad Member of the Cataboula Formation in Buval County, Texas	27.409	98.74	Exempled Area is over 2003.5 acres of the Soledad member of the Catabolia Formation (Requested and the Eastesian of over 600 acres is the northwest corner of permit area.) The site is located 4.5 miles east of 15, 201, 21, 23, 24, and 25 of the Code Petrolem Company Solidisisting of the Santa Maria de Los Angeles Oranta Maria de Los Angeles Oranta is David County, Texas.		is limited 1 to the 1 to the 1 to the 1 to Soledad in the 1 to the 2 to the	he Chusa uff, 175 ft 200 ft ick, (the oper ember of ic afahoula ormation) rrves as the oper quiclude, he Fant uff, 500 ft ick, (the wer ember of ic afahoula ormation) rrves as the wer ember of ic		The Soledad Member consists of four sand units. Other data of Cataboula sands: porosity (15-25%), permeability (200-1000 md), storage (1.0E-4)	1,170-1,860 mg/t TOS.	1,270-2,060 mg/l TDS. Lixivient is an oxygen rick. Sodium bicarbonate anion solution.	substantial	(January 23, 1990), Regional Approval	40 CFR 144.7 (b), 145.32, and 146.04 Jastification for Exemption: Aquifer is not a source of DW and will not serve as a source of DW in the future because it is producing or capable to produce of minerals
6	5	Uranium Resources Inc. (URI)	12377 Merit Drive, Suite 750, LB 14	Dallas	TX	75251		In-situ S Uranium ) Minieg	Benavides Mine- Area Permit # is URØ3312. Perm Status: Production Never Initiated	it	Inject alkalise leaching solution along with an oxidant into the Middle Cataboula Formation is Duval County, Texas.	27.42	99.7836	Lease area is 337 acres. Permit Area is 223.86 acres. This site is located 3.5 miles east of Bruni, TX along the cast of Bruni, TX along the arryo de Los Angeles in Sections 21 and 22 of the Santa Maria de Los Angeles de Arriba, Mariano Arfspe Grant in Buvul County, Texas.	Top of zone exempted 556 ft (msl) Bottom of zone exempted 220 ft (msl)	Injection II is limited To to the Catalous ag Formation im Catalous ag Formation im Catalous ag Formation im Catalous ag II II is a catalous ag II is a catalou	the Chusa aff, 175 ft 200 ft iick, (the pper ember of ie atahoula ormation) rves as the pper quiclude, the Fant uff, 500 ft iick, (the wer ember of ie atahoula ormation) rves as the present the pres		Catahoula sands: porosity (15-25%), permeability (200-1000 md), storage (2.85-4 to 10.3E-2)	fresh to moderately saline water	Alakaline, non- amonia feaching solution	Non- substantial	4	40 CFR 144.7 (b), 145.32, and 146.04. Justification To Exemption: Aquifer is not a source of DW and will not serve as a source of DW in the fature because it is producing or capable to produce minerals

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Corpuration  Metal Jane  Resource  Complany:	Urailum Urailum (URI)	Cathoes Mising Corp.	Exploration, inc.	Caithness Mining Corp.
Syrver Suite	12750 Meri Drive, Suite 1010 LB 12			P.O. Box 818
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Mining inc.	7525( Vraniu Inc. (U	7836) Caitheass Corp.	7840) Everest Explora n, Jac	78361 Caithness Mining Corp.
Uration Mining	I Uranium In-situ Resources Uranium Inc. (UND) Mining	St In-site Uranium Mining	S Everest In-sits S Liversto Graduate A, Inc. Mining	ss In-situ Uranium Mining
Are Bendi i S UR0941	Vasquez Mite - Area Permit i is UR03680. Lapetion with Lapetion with Lapetion with Lapetion with Lapetion is a area; A-31, A-44, B-32, C-58, C-64, B-32, D-9A, and D- 32B. Permit Status: Active	Silver Lake Milae- Area Permit # is UR02559. Four injection wels located in the exempted zone: MWG-10, MWG- 7, G-17, and ST- 14. 15. Permit Status: Production Never Initiated	Las Palmas Miec- Area Fermit is in UR0241. Four UR0241. Four injection wells (located in the permitted area (RM-4, RM-3, 14th- 31, and RM-9. Permit Straw. Production Neter Initiated	McBryde Mine - Area Permit # is UR02420 Permit Status Production Never Initiated
III allahy allah	Class Dispose  III process  restoration  water and outs minds! d rainful! d rainful! fewhite inewhite and outs permitted  are out permitted  are o		Class Injection for in-self-memory in self-memory i	Injection for in-situ uranium mining only into the Lower Coalcille
<u>zl</u>		27,338,4	27.375331	31,49731
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from 290 ft above and to 450 ft above and to 450 ft above and over 2 570 acres are within the original 2009 acres in this interest exemption a rear 2000 acres in the 2007 ft and who Counties and 440 acres in the 40 ft are 60 ft are 60 ft are 60 ft are 50 f	Ferminel are is perios of the Oslaville Sandanes Ferminia, aderlying appra. MJ ares. The site is ligher to the corp side of ligher to the city of Brain southeart of the City of Brain to Doyal County and 50 miles cart of Laresto, Texas.	The excepted are is about 2,000 acres and beaute 2,000 acres and beaute fleshborns (iii), alm being County, Texas. The areast content of the comption concides with the Lamest Comparation's Gray lease and the southern half, we affect the southern half, we fall given y 30° of the Lamest Southwest Texas Comparation's Southwest Texas Comparation to the content of the	Lease area is 3100 erres. Total area exempled is 300 reres. This sirk located approximately 5 miles norbeau of Rebrassille in southwestern Dutal Coase, and ontheserer Jim Hogg Coasty, Tease.	This site is located in Daval County, Texas. Lease area (401.25 acres). Permit area (401.25 acres)
290 ft (and) Bottopin of Completed 600 ft (and)	The of zone exempted Serious of zone exempted a 210 ft (ms)	If the clearation, with respect to mean sea level of the top of the exempted aquifor ranger from ±310 from the west wabout +60 from the teast. The elevation from the base of the exempted aquifer ranger from about ±260 from the west on about ±360 from the west (substantial of the west (substantial of the sease (substantial of the west (substantial of the sease (substantial of the	The elevation of the top of the Lower Oslaville of the Lower Oslaville are august from 25.61 above to the season of the Lower Oslaville of the Lower Mar. The base of the aquifor ranges from 300 ft above and to 200 ft above mad.	Top of zone exempted 315 ft (msl) Bottom of zone exempted 80 ft (msl)
941 (35 64 74 74 74 74 74 74 74 74 74 74 74 74 74	ELD depth to up of formation: Well A-31 (3,480 ft), Well A-44 (3,480 ft), Well C-58 (3,784 ft), Well C-58 (4,017 ft), Well C-58 (4,017 ft), Well C-58 (4,017 ft), Well C-58 (4,017 ft), Well C-58 (3,784 ft), Well C-58 (4,017 ft), Well C-58 (4,017 ft), Well C-58 (3,784 ft), Well C-58 (4,017 ft), Well C-58 (4,0	363 ft (well MWG-10), 418 ft (well MWG-7), 418 ft (well G-17), 510 ft (well ST- 14)	90 fr (well 10 (well), 570 LW-3), 540 LW-3), 640 17 (well 140 175 fr (well LW-9)	
allering to the to the Soledad Member of the Caraboula Formation	Inject into the the Sandstone Formation	ajection s limited o the Ower Dakville Formation a Jim Hogg County, Fexas		
Tork, 175 ft. to 2,00 ft. to 1,00 ft. to 2,00 ft. to 2,00 ft. thick, (the upper member of the Catabodia Porenaidoa) Formatidoa) Formatidoa) Formatidoa) Formatidoa in thick, (the lower of the lower of the catabodia Formatidoa) formatidoa ft. to 2,00 ft. thick (the lower of the source as the lower of the source as the lower of the formatidoa) formatidoa formatido	Oaksille of the usessforms cresspin by sections reaches approximately controlled to the controlled to the controlled to the controlled to the Families Formation (Sept.) of the Families (Sept.) of the Families (Sept.) of the Controlled to the Families (Sept.) of the Controlled to the Families (Sept.) of the Controlled the Controlled to the Families (Sept.) of the Controlled the C	The Lower 45 to Oakville Formation is undertain by the tendertain by the Cataboula (Chusa Tuff) and separated from separated from drikking water sources by 80-100 ft of	The Lower 185 ft. Oakwille Tormation is suparated from drinking water water source by 86-100 ft of Chas Taff. The production production confined by overlying anderlying	
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TDS mg/l row	(A03 - 1500   A03 - 1500   A0	omer 802-1,170 mg/l TDS arion	riton mg/t TDS riton rit	ty fresh to %), slightly abili saline water  o
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nmendation uary 21. Regional 2)	Strie Recommendation (September 17, 1997), Regional Approxil (alb) 17, 1998)	mendation mber 7, Regional Pate 3, 1983)	inendation try 6, Regional val Date J. 1983)	
us CLN 14.7 (b). [18.52, and 14.604.] Extendions Aquifer is not a source of My and the source of My and will not serve on	un CTRR (4.17 (b). [18.51], and 14.60 (c). Justification for Exemption. Apriller it and surrece CD yes and will not source CD yes and will not source CD yes further because it is producing or expends to produce miterals	40 CFR 144.7 (b), 148-32, and 146.04. Justification for Exemption: Aquifer is the angered of DW and will not serve as a source of DW in the future because it is producing or capable to producing or capable to produce minerals.	on GPR 14.7 (b). Justification for Justification for Lustification for Lustification for Lustification for Lustification for Lustification for Lustification	

6	11	Conoco, Inc.	10 Desta Drive - Suite 100W	Midfand	TX		Conoco, Inc.	Gas	Trevino Mine - Area Permit # is UR02407 Permit Status: Production Never Initiated	Injection for in-situ uranium mining only into the Oakville Formation	31.49731	-99.35776	This site is located in Duval County, Texas. Lease area (5750.69 acres). Permit area (742.7 acres)	400 ft (msl)		(20-25%),	fresh to slightly i saline water	
6	12	Everest Exploration, Inc.		Corpus Christi	TX	30,000	Everest Exploratio n, Inc.	In-site Uracium Mining	Hobson Mine - Area Permit # is UR02208 Permit Status: Revoked	Injection for in-situ uranium mining only into the Jackson Group of Whitsett Formation with Tordilla	28,94526		This site is located in Karnes County, Tenas Lease area (182 acres). Permit area (182 acres)	200 ft (msl)		porosity (20-25%),	fresh to moderately i saline water	
6	13	Intercontinental Energy Corporation	Route J, Box 650	Three River	s TX		Interconti nental Energy Corporati on	In-situ Uranium Mining	Pewnee Mine - Area Permit is UR00050 Permit Satus: Revoked	Nonditional Tajection for in-situ uranium mining only into the Oakville Formation in Bee County, Texas	28.65999		This site is located approximated. 24 miles east of Pawner and 2.5 mile morth of CR 79% in Bec Costy, Texas. Less-rara (325 acres). Permit area (110 acres)	290 ft (msl) 4,000 ft	Mineralized sands (probably uranialte) directly overlie the massive impermeabl e clays of the Cataboola formation, and are overlian by clays of the Oakville and Fleming formations.	Hydrologic ally, the mineralize d horizon can be characterized as a characterized as a characterized to well sorted, loosely consolidated sandstone or arkosic sandstone with porosity (20-25%), por 19000 mg/, storage (2.08-4)	fresh to moderately sallne water	
6	14	Intercontinental Energy Corporation	Route 1, Box 650	Three River	s TX	-	Interconti nental Energy Corporati on	In-situ Uranium Mining	Zamzow Mine - Area Permit # is UR02108 Permit Status: Revoked	Injection for in-situ uranium mining only into the Oakville	28.45718	-98.09141	This site is located on FM 1358 approx. I mile south of Ray Point in Karnes County, Texas. Lease area (316 acres). Permit area (316 acres)	Top of zone exempted 210 ft (msl) Bottom of zone exempted 150 ft (msl)				
6	15	Newfuels (Mobil Oil Corporation)	P.O. Box 5444	Denver	СО	80217	Mobil Oil Corporati on		Piedre Lumbre 202 Mine - Area Permit# is UR02147 Permit Status: Revoked	Injection for in-situ uranium mining only into the Cataboul a Soledad Member	27.95279	-98.66703	This site is located approx. 8 miles north of Freer in Brooks County, Texas. Lease area (156 acres). Permit area (156 acres)	325 ft (msl)			fresh to moderately saline water	
6	16	Newfuels (Mobil Oil Corporation)	P.O. Box 5444	Denver	СО	80217	Mobil Oil Corporati on	Oil and Gas Company	Brelum 199 Mine - Area Permit # is UR02148 Permit Status: Revoked	Injection for in-situ uranium mining only into the Catahoula Soledad Member	27.95279	-98.66703	This site is located approx. 9 miles north of Freer and 1 mile west of Hwy 16 in Brooks County, Texas. Leas area (165 acres). Permit area (165 acres).	165 ft (msl) Bottom of zone exempted			fresh to moderately saline water	
6	17	Newfuels (Mobil Oil Corporation)	P.O. Box 5444	Denver	со	80217	Mobil Oil Corporati on		Piedre Lumbre 200-201 Mine - Area Permit # is UR02149 Permit Status: Revoked	Injection for in-situ uranium mining only into the Catahoula Soledad Member	27.98279		This site is located approx. 8 miles north of Freer in Brooks County, Texas. Leas area (192.7 acres). Permit area (192.7 acres)	345 ft (msl)  Bottom of zone exempted  55 ft (msl)			fresh to moderately saline water	
6	18	Newfuels (Mobil Oil Corporation)	P.O. Box 5444	Denver	со	80217	Mobil Oil Corporati on		Piedre Lumbre 201-205 Mine - Area Permit # is UR02152 Permit Status: Revoked	Injection for in-situ uranium mining only into the Catahoula Soledad	27.95279	-98.66703	This site is located in Duval County, Texas. Lease area (94 acres). Permit area (94 acres)	Top of zone exempted 370 ft (mst) Bottom of zone exempted 85 ft (mst)			fresh to moderately saline water	

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Oil Corporation)	Newfuels (Mobil Oil Corporation)	Curporation	South Texas Mining Yesters, LLP (STMV)
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Orporati Gas	80217 Mo Cou on	78341 Coo	7847I South Minisipi Ventus LLP (STM)
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***	Oil and Gas Company	Gas Company	In-site Uranium Mining Mining
Mine - Area Permit # is UR02151 Permit Status: Revoked	Nell Mine - Area Permit # is UR02202 Permit Status: Revoked	Pelatagna Mue- Area Bernif is UR02051 Permit Status: Revoked	Pelangana Mine. Area Bermit di E URADATO Active
in-situ uranium uranium mining only into the Cataboula Soledad	Jajection for in-situ uranium mining only into the Cataboula Soledad Member	injection for in-effu in-effu arasitum in long only Golind	injection for in- in-citin in-citin in-
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98.00	-98.06281	-94_77632	98,775
(447 acres)		2 It is loss of County, (161.7 a)	2 If is loca Alice in Permit 2
Asso to lassite istocied in Bursai. I log of zone ecempled (Coulty, Texas, Lozea seea. 1856 frims) (44) acres). Fermil area (44) Button of zone exempted acres)  35 ft (cod)	This site is located in Bee and Live Oak Counties, Texas. Lease area (1230,31 acres). Permit area (1230,31 acres)	Il is iscend approx. 54 miles! Donth of Beardest is abres! County, Texa. Permit ares. (64.7 acres)	#MJ353[It is bested approximately, 28 Top of one ecompted miles wer of the town of
265 ft (msl) 35 ft (msl)	0.	20 f ( ms	3.65 pt 7.00 3.65 pt 7.00 8. Bottom of 220 ft (msi
d)  Zone exempted )	Top of zone exempted 340 ft (msl) Bottom of zone exempted 235 ft (msl)	Tigo d'aune exempled 365 ff (mai) Bottom of anne exempled 220 ff (mai)	n exempted to compted to the compted
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		in leter in the Colding the Colding the Colding the Constitution of the Country Team	leject into the Goliad Formation is Daval County, Texas
T		on The Pilocene ad Galiah ou Formation Palangua Palangua and other Palangua and other and other and other and other by overlies componed of componend for ourse prained to component by overlies by ov	9 4.0
		380 ft	2 Approx. 380 ft
porosity (15-28%), permeability (200-1000 md), storage (1.0E-4)	porosity (15-25%), permeability (200-1000 md), storage (1.0E-4)	The Collind formation are plantage and formation are plantage at the plantage and fine to medium grained, often slip, channel sands interbedied with leases of mulatone and silventees for the more paracely expensely expensely expensely the sands interbedied although it is a solution. For the more paracely expensely expensely expensely the sand is the sa	The Colinid formation. Palagnasis on popular control of fine-to-medium-sprained, offen siby, channel introduced with the particular control of madeine and siby comparation of madeine control of the said is very comparation of the said in the said is very comparation of the said in the said
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6		USX Corp Texas Uranium Operations	Drawer V	George West	TX	78022	USX Corp.	Uranium Mining	Moser Minc - Area Permit # is UR01890 Permit Status: Revoked	in m is O Fr	njection for n-situ ranium nining only nto the Dakville formation n Live Oak County,	28.25608	-98.21091	This site is located approximately 8 miles southwest of George West on FM 889 in Live Oak County, Texas. Lease area (1249 acres). Permit area (1249 acres)	Top of zone exempted 280 ft (msl) Bottom of zone exempted 260 ft (msl)					(20-25%),	fresh to slightly saline water			
6	24	USX Corp Texas Uranium Operations	Drawer V	George West	TX	78022	USX Corp.	Uranium Mining	Burns Moser Mine - Area Permits # are UR02140 UR02025 UR01890 Permits Status: Revoked	in or in O F	njection for n-situ rzanium nining only nto the Dakville Formation n Live Oak County,	28.24195	-98,19198	This site is located approximately ten miles southwest of George West, west of U.S. Highway 59 in Live Oak County, Texas. Lives Oak County, Texas. Permit area (1012.7 acres).	Top of zone exempted 375 ft (mst) Bottom of zone exempted 25 ft (mst)						fresh to slightly saline water			
6	25	USX Corp Texas Uranium Operations	Drawer V	George West	TX	78022	USX Corp.	Uranium Mining	Clay West Mine - Area Permit# is UR02130 Permit Status: Revoked	ir u n ir O F	njection for n-situ n-situ n-situ nining only nto the Dakville Formation n Live Oak County,	28.24639	-98,21 <b>25</b> 3	This site is located in Live Oak County, Texas. Lease area (884 acres). Permit area (884 acres)	Top of zone exempted 300 ft (msl) Bottom of zone exempted 225 ft (msl)	Approx. 4,500 ft				porosity (20-25%), permeability (2000- 19000 md), storage (2.0E-4)	fresh to slightly saline water			24-
6	0.000	USX Corp Texas Uranium Operations	Drawer V	George West	TX	78022	USX Corp.	. Uranium Mining	Boots-Brown Mine - Area Permit # is UR02154 Permit Status: Revoked	ir u n ir C F	njection for njection for n-situ uranium nining only nto the Dakville Formation n Live Oak County,	28.28558	-98.21561	This site is located in Live Oak County, Texas. Lease area (1025.3 acres). Permit area (1025.3 acres)	Top of zone exempted 100 ft (msl) Bottom of zone exempted 300 ft (msl)						fresh to slightly saline water			
6	27	USX Corp Texas Uranium Operations	Drawer V	George West	TX	78022	USX Corp	Uranium Mining	Pawlik Mine - Area Permit # is UR02368 Permit Status: Revoked	in in C	injection for injection for in-situ irranium mining only into the Oakville Formation in Live Oak County,		li li	This site is tocated in Live Oak County, Texas. Lease area (1698 acres). Permit area (1671 acres)	Top of zone exempted 45 ft (msl) Bottom of zone exempted 430 ft (msl)					porosity (20-25%), permeabilit y (2000- 19000 md), storage (2.0E-4)	fresh to slightly saline water			
6	28	Uranium Resources Inc. (URI)	12750 Merit Drive, Suite 1210 LB 12	Dallas	TX	75251	Uranium Resources Inc. (URI)	Uranium	West Cole Mine- Area Permit # is UR02463 Permit Status: Revoked	II iii u n ii	Texas Injection for in-situ uranium mining only into the Catahoula Soledad Member	27.50948	-98.85421	This site is located in Webb County, Texas. Lease area (680 acres). Permit area (620.31 acres)	Top of zone exempted 610 ft (msl) Bottom of zone exempted 335 ft (msl)					porosity (15-25%), permeabilit y (200-1000 md), storage (2.5E-4 to 10.3E-2)	fresh to very saline water			
6	29	Uranium Resources Inc. (URI)	12750 Merit Drive, Suite 1210 LB 12	Dallas	TX	75251		In-situ Uranium Mining	Longoria Mine - Area Permit # is UR02222 Permit Status: Production Never Initiated	11 11 11 11 11 11 11 11 11 11 11 11 11	Injection for in-situ uranium mining only into the Cataboula Soledad Member	27.37753	-98.78811	This site is located in Duval County, Texas. Lease area (2312.5 acres). Permit area (722 acres)	Top of zone exempted 192 ft (msl) Bottom of zone exempted 175 ft (msl)					porosity (15-25%),	fresh to moderately saline water			
6	30	Wyoming Minerals Corporation / Westinghouse (parent company)	P.O. Box 3912	Pittsburgh	PA	15230	Wyoming Minerals Corporati on / Westinghouse (parent company)	Uranium Mining	UR01942 Permit Status: Revoked	Over 1,720 a injecti con/pro i ductio l u wells f exist at the site i	Injection ammonium carbonate/b icarbonate lixiviant from in-situ	27.50951	.98,5542	This site is located approx. 1 miles sort of Brasl and immediate west of Highway 2006 in Webb County, Texas 2006 in Webb County, Texas Lease area (1489 acres). Permit area (1489 acres)	Top of zone exempted 720 ft (ms) Bottom of zone exempted 450 ft (mst)		Inject into the Catahoula Formation	Ogligocene Frio Clay	Approx. 800 ft	Cataboula Formation is composed mainly of clay with relatively discontinuo us clayey sand lenses, porosity (15-25%), permeability (200-1000 md), storage (2.5E-4 to	slightly to very saline water	Ammonium carbonate/bicarbo nate lixiviant		

6	31	Wyoming Minerals Corporation / Westinghouse (parent company)	Route J, Box 650	Three Rivers	TX 7	8071 Wyon Miner Corpu on / Westi use (parer comps	als Urar rati Mini igho	ium Area Perm	t#is	Injection for in-situ uranium mining only into the Oukville Formation in Live Oul County, Texas		-98,056	7 This site is located on FM 1358, approx. 1 mile of Ray Point in Karase County, Teass. Lesse area (957 acres). Permit area (619.14 acres)	Top of zone exempted 120 fr (msl) Bottom of zone exemptes 230 ft (msl)	Approx. 6,000 ft		The basal sandstone of the Oakville Formation is immediately overlying the Cataboula Formation claystone.	75.5 ft Oak San is a unif text med grai well san com of d qua feld and and and and and and and and and an	kville ndstone form tured, dium nined, ll sorted	fresh to slightly saline water				
455														- <del>\</del>				y sil volc with porr (20- pers y (2 190 and	minanti dicic canics) h rosity -25%), meabilit 2000- 900 md), i storage					
6	32	Wyoming Minerals Corporation / Westinghouse (parent company)	3900 Wadsworth Blvd	Lakewood	co 8	0235 Wyom Miner Corpo on / Westin use (paren	als Uran rati Mini agho	ium Area Perm	t#is	Injection for in-situs uranium mining only into the Oakville Formation			This site is located in Bee and Live Oak Counties, Texas. Lease area (1240 acres). Permit area (1240 acres)	Top of zone exempted 190 ft (msl) Bottom of zone exempted 15 ft (msl)				porc (20- pers y (1) 2000 stor	osity -25%),	fresh to slightly saline water				
6	33	Shell Offshore Inc Offshore West Division / Nexen Petroleum U.S.A. Inc.	5601 Granite Parkway - Suite 140	Plane	TX 7	S251 Shell Offshe Inc.	Oil a re Gas Com	74659, 1202		inject salt water into the geographic limits of the Eugene Island Block 18 Field, St. Mary Parish, Louisiana	An offshore Gulf of Mexico field on the St. Mary Parish, Louisiana. Being in the Gulf of Mexico, there is no section- township-range		The Eugene Island Block 18 Field is remotely located in the Galf of Mexico, outside of Archafalaya Bay with the ocarest land being Point au Fer Island approx 9 miles east-southeast. The constitue area surrounding the field consists of marsh and wooder marsh. The ocarest inhabited area is Patterson, approx. 15 miles north of the field.	seafloor within the	Well #74659 (10,400 ft) Well #120263 (10,510 ft) Well #125146 (10,530 ft)	water into the geographi c limits of the Eugene Island	Vicksburg-	clay Vicil Jaci grot as a barr the dow mov of w fron Mio	y of the ksburg- kson ups act t rier to	not fewer than 10,000 mg/l TDS except for the interval between 0 to 1,000 ft below the scafloor	sali water	Non- substantial	Regional Approval (November 1, 1988)	40 CFR 146.04. Justification for Exemption: Aquifer does not currently serve as a source of drinkling water and total dissolved solids content of the groundwater is more than 3,600 and less than 10,000 mg/lit a it is not reasonably expected to suppy a public water system.
6	34	Freeport Sulphur Company	1615 Poydras Street	New Orleans	LA 7	0112 Freep Sulphi Compi	r Mini	Company h	as 83 III lis in wever, ged	ss This is a former sulphur mining unining operation that used Class III solution mining injection wells to mine the sulphur caprock of a sait dome. Lajout the Graad Lie Block 18 Sulphur Mine, Jefferson Parish.	An offshore Gulf of Mexico field on the Jefferson Parish- Plaquemines Parish border, Louisiana. Being in the Gulf of Mexico, there is no section- town ship-range		The exempted aquifer is known as State Lease 797 to and located in Block 9. Offisore Grand Isle Area Indicated Indic			Inject into the Grand Isle Block 18 Salphur Mine, Jefferson Parish, Louisiana.				less than 10,000 mg/lit but greater than 3,000 mg/l TDS	salphur mining solution	Non- substantial	Regional Approval (February 4, 1985)	40 CFR 146.04. Justification for Exemption: Aquifer does not currently serve as a source of drinking water and cold dissolved solids content of the groundwater is more than 3,000 and legit at it is not reasonable it it is not reasonable expected to suppy a public water system.

6	35	Freeport Sulphur Company	1615 Poydras Street	New Orlea	ns LA	70112	2 Freeport Sulphar Company	Sulphur Mining Company	There are approximately 400 Class III wells belong to Freeport Salphar Company in the area; bowever, all are either dry & plagged or plagged & abandoned.		This is a former sulphur mining operation that used Class III solution mining injection wells to mine the sulphur caprock of a sait dome. Inject into the Garden Island Bay Field,		Located at the mouth of the Mississippi River.	The exempted aquifer is known as State Lease 214 and located in Plaquemine Parish, Louisiana						less than 10,000 mg/l but greater than 3,000 mg/l TDS	sulphur mining solution	Non- substantial	Regional Approval (February 4, 1985)	40 CFR 146,04, Justification for Exemption: Aquifer does not currently serve as a source of drinking water and the total dissolved solids content of the groundwater is more than 3,000 mg/lit and it is not reasonably expected to suppy a public water system.
6	36	There are many owners/operators operating wells in this field. May be a few or water/operators are four State Cooking to the control of the c	Four Star Development Corp. (114 30TH Avenue South), S.H. Loc Oil Corp. (PO Box 148), Shoreline GP. LLC. (3861 Amhassador Caffery Parkway), Page Development -LLC. (PO Box 142)	Four Star Developme Corp. (Nashville) S.H. Loe O Corp. (Tullos), Shoreline 6 LLC. (Lafayette) Page Developme LLC. (Calvin)	Devo pme (TN) S.H. GP Loe Oil (LA) Shor ine ( - LL (LA) Page Pero	Star  clo Develont pmen p. Corp. (3721: ), S.H. Loe Oil Corp. (7147: rel ), GP Shore C. ine O, GP - LLC. to GP - LLC. Page	S.H. Loe Oll Corp. Shoreline GP- LLC., Page Developm of t- LLC.	C Gas Company	There are 98 active wells currently lajecting into the Tuilon Unan Listale, Unan Listale, and Wiss Louistanz, Louistanz,	Class	the Sparta and Wilcox formations related to oil and gas production can be	Well locations in Grant Parish: Sections 09, 9, 94, 47, and 81, 70 waship 09 N, Ranga I E, Lashiel Parish: Section 02, Tomaship 09 N, Ranga I E, Sections 13, 23, 24, 25, 26, 25 and 36, Township 10 N, Ranga I E, Section 07, 08, 17, 18, 19, 20, and 30, Township 10 N, Ranga 2 E Wine Parish: Sections 23 and 36, Township 10 N, Ranga I E, Sections 23 and 36, Township 10 N, Ranga I E		This area is located in Grant LaSalle, and Winn Parishes, Louisiana.	, 732 ft to 1338 ft	There are 98 active injection wells, majority with a depth of approx. 1,600 ft. Only two or more have a depth of 4,000 ft.	Inject into the exempted aquifer of the Tulios Urania field, Grant, La Salle, Wina Parishes, Louisiana		The Sparta is a sandstone formation.	less than 10,000 mg/l but greater than 3,000 mg/l TDS	salf water	Substantial	State Recommendatio (November 24, 1987), EPA Approval (September 20, 1989)	40 CFR 146.04.  a Justification for Exemption: Aquifer does not currently serve as a source of drinking water and the total dissolved solids content of the groundwater is more than 3,000 mg/lit and it is not reasonably expected to suppy a public water system.
6	37	Meridian Oil Inc	PO Box 4289	Farmingto	a NM	8749	Meridian Oil Inc.	Oil and Gas Company	Jilisos Well No. I APT Well No. is 30 039-25465	Ciass II	disposing produced sail water into the sail water into the Entrada Formation through perforations from approx. 8,441 ft to 8,683 ft.	The exemption is specific to this portion of the Entrada Formation that anderlies the SW4 of the SW4 of Section 5, the SEA of the SW4 of Section 5, the SEA of the SW4 of Section 6, all of Sections 7 and 8, the W12 of the W12 of Section 9, the W12 of the W12 of Section 9, the W12 of the W12 of Section 9. The W12 of Sec		The exempted area is approx. 1440 acres. This well is located approx. 6 miles west sorthwest of Lindrith, No. Arriba County, New Mexico.	interval of zone: 8404 ft	TD @ 880	D Entrada Formation	Thickness of the exempted zone is approx. 268 ft.	The Entrada consists of three members: a lower sandstone member member (the I)yanbito), a middle siltstone member, and an upper sandstone member.	less than 10,000 mg/l TDS, approx. 7,72 mg/l Flevated groundwater salinities in the Entrada Sandstone arr attributable to solution of gysum from the overlying Todilto Limestone.	Produced salt water	Non- substantial	Regional Approval (Marc 15, 1995)	40 CFR 146,04, b Justification for Exemption: Aquifer does not currently, serve as a source of drisking water and the total dissolved solids condent of the groundwater is more than 3,000 and fees than 3,000 and fees than 3,000 and fees did is not on ungits and did is not resonably expected to supply a public water system.

6	38	Pride Energy Company	Kensington Tower 2250 East 73rd Street - Suite 550	Tuisa	ОК	C	Sergy P	roducer	San Isidro Shallon Unit Well No. 7-1	1 11	water into a portion of the Menefec member of the Mesaverde Formation in Sandoval County, New Mexico.	W1/2 of the E1/2 and W1/2 of Section 7, the N1/2 of the NW1/4 of Section 18, Township 20 N, Range 2 W, and the E1/2 of the E1/2 of Section 12, Township 20 N, Range 3 W in Sandoval County, New Mexico.		southwest of Cuba, Sandoval County, New Mexico. The area exempted is approx. 720 acres.			at a depth of 2438 ft to 2624 ft	The basal part of the Mesaverde Formation i interbedded with the Mancos Shale. The Chacra underlies the top of Mesaverde.	5	Mesaverde Formation consists of, in ascending order, the Point Lookout Sandstone, Menefee, and Cliff House Sandstone.		salt water less than 10,000 mg/l TDS	Non- substantial	Regional Approval (June 27, 1997)	40 CFR 146.04, Justification for Exemption: Aquifer does not currently serve as a source of defining water and the total dissolved solids content of the groundwater is more than 3,000 and less than 10,000 mg/lit and it is not reasonably expected to suppy a public water system.
		Corporation	Lincole Boolevard	City		C		t Agency	injection withis forcet in whise forcet in the forcet in the force of	a	water into the Bebee Field of the Viola and Simpson Aquifers in Seminole, Pottawatom ie, and Pontotoe Counties, Oklahoma.	The area comprising the \$32 of Section 24, the N12 of Section 25, and the N12 S2 of Section 25, and the N12 S2 of Section 25, Township 5 N, Range 4 E in Pontotoc County, Oklahoma. The area comprising the \$2/28/2 of Section 23, the N12 and N12 S12 of Section 32, the N14 of Section 33, and the N12 S12 W14 of Section 33, Township 5 N, Range 5 E in Pontotoc County, Oklahoma.	8	The approved Viola and Simpson exempted aquifers undertie portions of Seminole, Potra wtomie, and Pontotoc Counties, OMahoma. The area of exemption is 7840 acres.	The depth of the Viola and Simpson Aquifers in this area is approx. 2,596 ft.	(2,864 ft).		There are 9t to 150 ft of Sylvan Shali directly above the Vilola Formation. The Sylvan Shale is thicker than any fault throw excep for the 500 ft throw of the long southside fault.	thickness of the Viola ranges from 90 to 200 ft.	The Viola is composed of limestones and dotomites with little or no clastic deposits such as shale and sand.	less than 10,000 mg/l TOS	produced water less than 10,000 mg/l TDS and not more than 4,430 mg/l TDS	Non- substantial	(April 15, 1988), Regiosal Approval (January 2, 1989)	Exemption: (a) Aquifer is not currently used as

# Matrix Legend

- Name of Owner or Operator and Address (A)
- Company and Business Type (B)
   Injection Well ID # or Area Permit € (C)
- UIC Well Classification and Injection Artivity ( A description of injection activities, e.g. hazardous waste disposal into an aquifer exempted for mineral production.

- Location, Delineation and Depths

  Aquifer Exemption Location (Lat/Long and or Township, Section and Range) (E)

  Aquifer Exemption Delineation (Areal Extent, Project boundary and Depths) (F)

- Geology and Injectate Characteristics

  Well Depths, Subsurface Formation Names (Injection Zone and Confining Zones) (G)

  Injection Zone Hydrology parameters (Formation Depth, Thickness, Lithology and Water Quality (H)
  - Injectate Characteristics (I)

- Exemption Type, Criteria Cited, Approval Dates

   Type Program Revision for Exemption (Substantial or Non-Substantial) ()

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